

Nokia Wireless GPS Module



USPs:

- Small and lightweight GPS receiver
- Enables connectivity using wireless connection to compatible phone, PDA or PC
- Possibility to connect to external antenna
- Rechargeable Nokia battery using Nokia chargers
- Possibility to use a number of location based applications or services

Sales Package includes:

- Nokia Wireless GPS Module LD-1W, Nokia Battery BL-5C, Nokia Mobile Charger LCH-12, Protective Case and Carrying Strap CP-22, 32MB MultiMediaCard (MMC) that includes Wayfinder Mobile Navigator application (3 months' license) and User guides

Compatibility:

Nokia 3650, 3660, 6260, 6600, 6630, 6670 and 7610 phones, Nokia 9300 and 9500 communicators and N-Gage™ and N-Gage™ QD game decks and other Symbian based products supporting Bluetooth specification 1.1 and Serial Port Profile and NMEA 0183 compatible software. Check your phone's compatibility with these specifications and profiles with your phone manufacturer.

Connectivity:

Interface: Bluetooth 1.1 specification, Serial Port Profile, NMEA 0183 (v. 3.01)

Planned Market Introduction:

Q1 2005

Product Overview:

Nokia Wireless GPS Module provides position information in a small, highly portable product. It offers wireless connection to a compatible mobile phone, PDA or PC using Bluetooth wireless technology. It enables the use of a range of location based applications and services available from third parties.

Key Features:

- Position data provided in NMEA format
- Wireless connection using Bluetooth wireless technology
- LEDs for user indication (GPS status, Power, Status of Bluetooth wireless connection)
- Power key (On/Off/Reset)
- Rechargeable battery
- External antenna connector

Technical Profile:

Type:	LD-1W
Dimensions:	8.4 x 45.4 x 16.5 mm
Weight:	62 g (including battery)
Color:	Black and gray
Power:	Battery BL-5C Li-ion
Operation time:	Up to 10 hours
Operating distance for wireless connection:	Up to 10 meters
GPS receiver:	12 parallel channels
GPS Antenna:	Internal , external antenna connector
Accuracy:	± 25 m horizontal, 95% open sky
Update rate:	1 s
Acquisition times:	Approximately 60 s/45 s/10 s (cold/warm/hot start)
Position format:	WGS84
Operating temperature:	-10°C up to 40°C
Water resistance:	IPX4 (Splash proof in protective case)

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The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for accuracy and maintenance of the system. The accuracy of location data can be affected by adjustments to GPS satellites made by the United States government and is subject to change with the United States Department of Defense civil GPS policy and the Federal Radio navigation Plan. Accuracy can also be affected by poor satellite geometry. Availability and quality of GPS signals may be affected by buildings and natural obstacles as well as weather conditions. GPS module should only be used outdoors to allow reception of GPS signals. GPS should not be used for precise location measurement and you should never rely solely on location data from the GPS module

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